

20021228.qrp v02_n783.qrl.20021228

Date: Sat, 28 Dec 2002 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2783

QRP-L Digest 2783

Topics covered in this issue include:

- 1) [143298] Re: WAS Paper work
by "James R. Duffey" <JamesDuffey@comcast.net>
- 2) [143299] Re: WAS Paper work
by Bill ROWLETT <kc4atu@yahoo.com>
- 3) [143300] LZ4TX on 7.017
by Fred Lesnick <flesnick@tbaytel.net>
- 4) [143301] LZ4TX on 7036 too !!!!!
by "George Osier" <gosier@twcnny.rr.com>
- 5) [143302] Antenna supports...
by Ed Tanton <n4xy@earthlink.net>
- 6) [143303] Re: [NoGaQRP] Antenna supports...
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 7) [143304] Re: [NoGaQRP] Antenna supports...
by "Tom Dooley" <tdooley@attbi.com>
- 8) [143305] Homebrew Ant Sw and Dummy Load
by "Richard Slone" <sloner@earthlink.net>
- 9) [143306] WM-2 alignment help
by n5ib@juno.com
- 10) [143307] Re: WAS Paper work
by "William Phinizy" <k6whp@verizon.net>
- 11) [143308] Re: Antenna supports...
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 12) [143309] OT: Logging and Addresses
by "Dave Ek" <ekdave@earthlink.net>
- 13) [143310] Re: Loop Antennas
by "Stephen Yates" <aa5tb@arrl.net>
- 14) [143311] Re: Microwave cooked CDs--technical basis? (Grape Experiment)
by "Stephen Yates" <aa5tb@arrl.net>
- 15) [143312] FREE: YATP (Yet Another Toroid Program)
by "William Phinizy" <k6whp@verizon.net>
- 16) [143313] portable antenna results
by Gary Lee <kb9zuv@arrl.net>
- 17) [143314] RE: AOL CD as stripline transformer
by "Dave Fifield" <dave@redhotradio.com>
- 18) [143315] Re: WM-2 alignment help
by Ingo Meyer DK3RED <dk3red@gmx.net>
- 19) [143316] RE: FREE: YATP (Yet Another Toroid Program)

- by "Sverre Holm - LA3ZA" <la3za@qsl.net>
- 20) [143317] RE: FREE: YATP (Yet Another Toroid Program)
by "Dave Richards" <wr3i@earthlink.net>
- 21) [143318] QRP Contest Calendar for 2003
by "Ron Polityka" <wb3aal@fast.net>
- 22) [143319] Re: WM-2 alignment help
by Chris Cartwright <ccart@phideaux.com>
- 23) [143320] Re: QRP Contest Calendar for 2003
by "Joe Martin" <km5cw@arrl.net>
- 24) [143321] Question for 6 meter antenna/RF experts
by IamSF5@aol.com
- 25) [143322] AWG to mm wire diameter conversion...
by "Bill, N4QA" <n4qa@hotmail.com>
- 26) [143323] Re: FREE: YATP (Yet Another Toroid Program)
by "William Phinizy" <k6whp@verizon.net>
- 27) [143324] Re: Question for 6 meter antenna/RF experts
by Bill ROWLETT <kc4atu@yahoo.com>
- 28) [143325] QuickieLab project update
by "George Heron N2APB" <n2apb@erols.com>
- 29) [143326] Re: WAP-2003 Contest
by Macstein@aol.com
- 30) [143327] Re: Question for 6 meter antenna/RF experts
by "Tim, N9PUZ" <n9puz@arrl.net>
- 31) [143328] Paul Harden, NA5N
by Jeff Davis <ke9v@comcast.net>
- 32) [143329] Re: Loop Antennas
by "Chris Trask" <chistrask@earthlink.net>
- 33) [143330] Happy Dance
by Mercxx@aol.com
- 34) [143331] Buddipole portable antenna
by "Mark Paley" <mpaley@wcnet.org>
- 35) [143332] Need input re OHR500; Norcal BLT etc
by <tlogan7@cox.net>
- 36) [143333] PS re OHR500 & BLT - reply direct please
by <tlogan7@cox.net>
- 37) [143334] Re: Homebrew Ant Sw and Dummy Load
by "James R. Duffey" <JamesDuffey@comcast.net>
- 38) [143335] Re: Paul Harden, NA5N
by Ed Tanton <n4xy@earthlink.net>
- 39) [143336] HC908 Daughtercard project update
by "George Heron N2APB" <n2apb@erols.com>
- 40) [143337] re: Destroying CDs & hint for cheap wire antenna insulators
by Michael Babineau <michael.babineau@sympatico.ca>
- 41) [143338] FS: FT-817 with extras
by "NZ8J" <nz8j@woh.rr.com>
- 42) [143339] Re: Buddipole portable antenna
by "Jess Gypin" <jessmx5@earthlink.net>
- 43) [143340] Re: Happy Dance

- by "Lee Mairs" <lairs@direcway.com>
- 44) [143341] A. Prose Walker, W4BW, SK
by "LEE HOPPER" <leehopp@msn.com>
- 45) [143342] Re: FT-817 with extras
by "Jess Gypin" <jessmx5@earthlink.net>
- 46) [143343] Re: Homebrew Ant Sw and Dummy Load
by "Lee Mairs" <lairs@direcway.com>
- 47) [143344] Re: Happy Dance
by "Jess Gypin" <jessmx5@earthlink.net>
- 48) [143345] Re: Happy Dance
by Ed Tanton <n4xy@earthlink.net>
- 49) [143346] Re: Happy Dance
by "Jess Gypin" <jessmx5@earthlink.net>
- 50) [143347] Re: WM-2 alignment help
by Ingo Meyer DK3RED <dk3red@gmx.net>
- 51) [143348] Re: Radio Shack HTX-10 followup
by Tim Groat <tcgroat@earthlink.net>
- 52) [143349] Re: ARRL Members Only QRP Item
by "Jim" <ku4qw@yahoo.com>
- 53) [143350] Re: Need input re OHR500; Norcal BLT etc
by John Harper AE5X <ae5x@qsl.net>
- 54) [143351] Re: Homebrew Ant Sw and Dummy Load
by "Bob Tellefsen" <n6wg@earthlink.net>
- 55) [143352] RE: FREE: YATP (Yet Another Toroid Program)
by "Bob Tellefsen" <n6wg@earthlink.net>
- 56) [143353] VE7BPO QRP Homebuilder site
by "Bob Tellefsen" <n6wg@earthlink.net>
- 57) [143354] RE: AWG to mm wire diameter conversion...
by Nick Kennedy <nkennedy@tcainternet.com>
- 58) [143355] Re: AWG to mm wire diameter conversion...
by David Castor <dpcastor@attbi.com>
- 59) [143356] Neat stamps & WAS
by "Nils R. Young" <nilsbull@juno.com>
- 60) [143357] Re: Buddipole portable antenna
by "Karl F. Larsen" <k5di@zianet.com>
- 61) [143358] Re: Buddipole portable antenna
by "James R. Duffey" <JamesDuffey@comcast.net>
- 62) [143359] Wanted: OHR 400/Classic/QRP Spirit (40M)
by "Alan Fryer" <N3BJ@hotmail.com>
- 63) [143360] SOLD **** FT-817 with extras ****SOLD
by "NZ8J" <nz8j@woh.rr.com>
- 64) [143361] Re: WM-2 alignment help
by Larry - WA2DGD <wa2dgd@comcast.net>
- 65) [143362] Re: AWG to mm wire diameter conversion...
by "James R. Duffey" <JamesDuffey@comcast.net>
- 66) [143363] Re: VE7BPO QRP Homebuilder site
by Mike Czuhajewski <wa8mcq@comcast.net>
- 67) [143364] Plastic pipe and RF?

by "JAKidz" <jakidz@pullman.com>
68) [143365] Re: Question for 6 meter antenna/RF experts
by Mighty Mik <mightymik2@attbi.com>
69) [143366] Re: VE7BPO QRP Homebuilder site
by David Hinerman <WD8CIV@worldnet.att.net>
70) [143367] Re: Happy Dance
by "Mike Yetsko" <myetsko@insydesw.com>
71) [143368] "Table Top" Nor'easter Kit Done !!
by "Michael Melland" <w9wis@charter.net>
72) [143369] Page updated
by John Harper AE5X <ae5x@qsl.net>
73) [143370] FYBO
by Fred Lesnick <flesnick@tbaytel.net>
74) [143371] Re: WM-2 alignment help
by n5ib@juno.com
75) [143372] QST offer
by Glen Reid <k5fx@arrl.net>

Date: Fri, 27 Dec 2002 17:36:02 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: qrp-l@lehigh.edu, k5di@zianet.com
Subject: [143298] Re: WAS Paper work
Message-ID: <BA324002.22525%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Karl - You might want to have columns to indicate on what bands the station was worked for each band.

You might find a spreadsheet already built up. I think that the ARRL used to have one. - Duffey

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Fri, 27 Dec 2002 16:59:25 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: JamesDuffey@comcast.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [143299] Re: WAS Paper work
Message-ID: <20021228005925.32651.qmail@web14203.mail.yahoo.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Not only does the ARRL have the forms for printing from their website, most logging programs also track this information too. This isn't rocket science.

73, Bill kc4atu

Do you Yahoo!?

Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Fri, 27 Dec 2002 20:17:32 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-l@Lehigh.EDU>, QRP Canada <qrp-canada@neale.gpfn.sk.ca>
Subject: [143300] LZ4TX on 7.017
Message-ID: <3E0CFBAC.61EE1C9E@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked LZ4TX on 7.017..He is working in the RAC winter contest....
Lots of Europeans working the test.
I worked him with my FT817 at 5 watts, and my 40 meter dipole...He only
asked for the last letter of my callsign again....
Nice exchange, he is 589 now, and it is 0116 z.....

Fred
VE3FAL

Date: Fri, 27 Dec 2002 20:50:57 -0500
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [143301] LZ4TX on 7036 too !!!!!
Message-ID: <000901c2ae13\$91155060\$aa634342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just worked LZ4TX on 7.017..He is working in the RAC winter contest....

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Nice exchange, he is 589 now, and it is 0116 z.....

Fred
VE3FAL

Good work Fred !!!!!

I got him at 0044 UTC with a Ten Tec Omni D , 5 watts to a 51 ft G5RV up 20 ft , He was a 549 here in NNY !!!!!

73s

George Osier , N2JNZ

Date: Fri, 27 Dec 2002 20:49:01 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: noGA reflector <nogaqrp@mailman.qth.net>,
QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [143302] Antenna supports...
Message-ID: <5.2.0.9.2.20021227204502.020bab90@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Anybody have any experience supporting G5RVs with, uh... thinner tree (bush?) limb-or twig-pieces, sometimes called "switches"? I have a bunch of 'em I got in a bag for Christmas.

Just kidding-even if, perhaps, I kinda, sorta, maybe DESERVED 'em.

Seasons' Greeting to All... and my best wishes for a happy and prosperous New Year.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Fri, 27 Dec 2002 21:00:28 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: Ed Tanton <n4xy@earthlink.net>
Cc: noGA reflector <nogaqrp@mailman.qth.net>,
QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [143303] Re: [NoGaQRP] Antenna supports...
Message-ID: <5.0.2.1.2.20021227205959.026cc400@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Beats figuring out the characteristic resistance of a lump of coal...

8-)

73 de Mike, K04WX

..
At 08:49 PM 12/27/2002 -0500, Ed Tanton wrote:
>Anybody have any experience supporting G5RVs with, uh... thinner tree
>(bush?) limb-or twig-pieces, sometimes called "switches"? I have a bunch
>of 'em I got in a bag for Christmas.
>
>Just kidding-even if, perhaps, I kinda, sorta, maybe DESERVED 'em.
>
>Seasons' Greeting to All... and my best wishes for a happy and prosperous
>New Year.
>
>73 Ed Tanton N4XY <n4xy@earthlink.net>
>
>Ed Tanton N4XY
>189 Pioneer Trail
>Marietta, GA 30068-3466
>
>website: <http://www.n4xy.com>
>
>All emails <IN> & <OUT> checked by
>Norton AntiVirus with AutoProtect
>
>LM: ARRL QCWA AMSAT & INDEXA;
>SEDXC NCDXA GACW QRP-ARCI

>OK-QRP QRP-L #758 K2 (FT) #00057
>
>
>-----
>NoGaQRP mailing list
>NoGaQRP@mailman.qth.net
><http://mailman.qth.net/mailman/listinfo/nogaqrp>

Date: Fri, 27 Dec 2002 21:10:03 -0500
From: "Tom Dooley" <tdooley@attbi.com>
To: "noGA reflector" <nogaqrp@mailman.qth.net>,
"QRP-L Reflector" <qrp-l@lehigh.edu>,
Subject: [143304] Re: [NoGaQRP] Antenna supports...
Message-ID: <016b01c2ae16\$3c2a16a0\$6400a8c0@tdooleyjr>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ed,

Did you really get switches for Christmas or did you actually get them in an auction on E-bay?

8-)

My lump of coal was well deserved!

Happy New Year to everyone!

73
Tom
K4TJD

----- Original Message -----
From: "Ed Tanton" <n4xy@earthlink.net>
To: "noGA reflector" <nogaqrp@mailman.qth.net>; "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Sent: Friday, December 27, 2002 20:49 PM
Subject: [NoGaQRP] Antenna supports...

Anybody have any experience supporting G5RVs with, uh... thinner tree (bush?) limb-or twig-pieces, sometimes called "switches"? I have a bunch of

'em I got in a bag for Christmas.

Just kidding-even if, perhaps, I kinda, sorta, maybe DESERVED 'em.

Seasons' Greeting to All... and my best wishes for a happy and prosperous New Year.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

NoGaQRP mailing list
NoGaQRP@mailman.qth.net
<http://mailman.qth.net/mailman/listinfo/nogaqrp>

Date: Fri, 27 Dec 2002 21:11:50 -0500
From: "Richard Slone" <sloner@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [143305] Homebrew Ant Sw and Dummy Load
Message-ID: <006d01c2ae16\$7c5d0660\$4ebff7a5@SloneRanger>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

I am planning on building a combination antenna switch and QRP dummy load in a small metal desktop enclosure. The SO-239 jacks will be on the back of the box and the dummy load inside.

Is there a special type of single pole double throw switch that I should use? Will point to point wiring between the jacks and the switch show

significant loss at frequencies up to about 28 MHz? Has anyone done this before?

Thanks, Richard, KG4V0X

Date: Fri, 27 Dec 2002 21:20:21 EST
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [143306] WM-2 alignment help
Message-ID: <20021227.201600.4631.7.n5ib@juno.com>

I'm troubleshooting a WM-2 wattmeter for a local op. All is now working and it's alignment time. But he gave me two copies of a manual (he got it at a hamfest - didn't build it himself) and the two copies disagree on the alignment voltages.

copy A : 2.31 V for 10 W, 0.74 V for 1 W, 0.225 V for 100 mW

copy B: 2.56 V for 10 W, 0.80 V for 1 W, missing data for 100 mW

sorry to frighten anyone with that seasonal but untimely reference to form 1040A and W2 :^)) but any hints as to which is the right set?

72
Jim N5IB

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Date: Fri, 27 Dec 2002 18:48:10 -0800
From: "William Phinizy" <k6whp@verizon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [143307] Re: WAS Paper work
Message-ID: <000801c2ae1b\$9019b8b0\$6461e043@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> Wow, is this exciting stuff? Be sure to keep us posted on stuff like what
> kind of ink you use on the stamp, and in what technical fashion you get
> more space for the address.
> Can hardly wait for next installment.
> John L. SielkeJohn, Heh, heh, heh. This is priceless.Bill, k6whp

Date: Fri, 27 Dec 2002 22:02:48 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Ed Tanton <n4xy@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [143308] Re: Antenna supports...
Message-ID: <20021227220055.S74907-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Dec 2002, Ed Tanton wrote:

> Anybody have any experience supporting G5RVs with, uh... thinner tree
> (bush?) limb-or twig-pieces, sometimes called "switches"? I have a bunch of
> 'em I got in a bag for Christmas.

Get you some nylon twine...then simply lash them switches up together in a proper bundle.

Of course if you mutter while doing it, and the XYL asks what you're saying...you can truthfully answer her that you're just switching.

73

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList
Web Hosting as low as \$3.49/month

Date: Fri, 27 Dec 2002 20:04:43 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [143309] OT: Logging and Addresses
Message-ID: <008301c2ae1d\$df0b9cc0\$8989fea9@oldman>

MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

Since the subject of WAS logging and getting addresses of hams has come up, I offer up the following:

I use XMLog, a free logger available at www.xmllog.com. It works quite well, in my opinion, especially for the price. It will track contacts and QSLs for WAS, DXCC, etc. It also has the ability (like most logging programs) to look up call signs in one of several callbook CDs, and to print address labels and QSL cards.

I wrote some software and a procedure that allows you to create your own callbook CD (or database file on the hard disk) for XMLog using FCC data that you can download from their web site. You also need a copy of MS Access. If you're interested, you can find instructions and the software on my web site at

<http://home.earthlink.net/~ekdave/callbook.html>

73 de Dave NK0E

Date: Fri, 27 Dec 2002 21:31:06 -0600
From: "Stephen Yates" <aa5tb@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [143310] Re: Loop Antennas
Message-ID: <000a01c2ae21\$8f42aae0\$4336a6d8@Main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Shawn,

For a given size conductor the efficiency will increase rapidly with an increase in the loop size, up to a point. For the lower bands it is hard to get too big. A 7' square loop will be much more efficient than a 3 or 4' loop on the lower bands. You will still need a capacitor to resonate the loop and I would recommend a small coupling loop to feed it. See the following for reference and be sure to check out the links at the bottom of

the page:

<http://www.qsl.net/aa5tb/loop.html>

Actually, as for efficiency you can't get too big but the loop may no longer be classified a "small" loop. Once the size increases beyond about 1/10 wavelength circumference the null that is perpendicular to the plane of the loop will start to fill in (technically, a "small" loop requires that the phase be essentially constant throughout the loop which means it must be small in terms of wavelength).

If you just want something to radiate efficiently then make the loop as large as possible.

73,

Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

Date: Fri, 27 Dec 2002 21:40:18 -0600
From: "Stephen Yates" <aa5tb@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [143311] Re: Microwave cooked CDs--technical basis? (Grape Experiment)
Message-ID: <001501c2ae22\$d7de5af0\$4336a6d8@Main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Have you ever done the grape experiment?

Get a styrofoam cup and place it upside down in the microwave oven. Get a fresh grape (I used a green one) and cut it very carefully length wise all the way through the grape but leave the skin together at the bottom side. Now open up the grape and place the flat side of the grape on the styrofoam cup. Be careful not to break the connection between the two sides. Place the setup in the microwave oven and turn it on. Let it cook but be prepare to shut it off if things get too exciting.

I won't tell you what happens but it is pretty cool! Hint - the grape replicates a broadband dipole (similar to a bowtie antenna) that is resonant near 2.4 GHz.

73,

Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

Date: Fri, 27 Dec 2002 21:13:04 -0800
From: "William Phinizy" <k6whp@verizon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [143312] FREE: YATP (Yet Another Toroid Program)
Message-ID: <001e01c2ae2f\$cda3b870\$6461e043@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I am working on an app to do some of the more common calculations we are faced with in our day to day travails as QRP builders and experimenters (it's a dirty job, but *someone's* got to do it). If you would like to be a real-life beta tester, you can download it from:

<http://www.geocities.com/k6whp>

There are download instructions there and a readme file bundled with the executable (it's in a .zip format). It's pretty straightfoward and, to date, contains the ability to calculate toroids and ferrite core inductors. I would appreciate constructive comments and criticism.

Enjoy..

72,

W. Phinizy, k6whp

Date: Sat, 28 Dec 2002 01:12:00 -0500
From: Gary Lee <kb9zuv@arrl.net>
To: qrp-l@lehigh.edu
Subject: [143313] portable antenna results
Message-ID: <3.0.6.32.20021228011200.008e9bf0@mailhost.ind.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, went home and put up my "quickie v".

Made it out of about #22 / 24 military commo wire. This looks like small zip cord containing stranded wire, 4 strands copper, 3 stainless. Just split the cord a little, tied egg sinkers to each loose end, dropped one in the gutter, and peeled apart until we reached the peak of the roof. Then dropped that over the other side, and brought the whole cord into the k2.

Loaded with 1.3 or less swr on 40 through 10.

Had a minor key failure, so couldn't work any cw, but did work northern washington state on 17 meters.

I think we have a winner. Next time I'm home, I'll measure one side of the doublet just for completeness.

Thanks to all for the suggestions and info. Going to bed now.

Gary Lee
kb9zuv

Date: Fri, 27 Dec 2002 22:34:51 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [143314] RE: AOL CD as stripline transformer
Message-ID: <000001c2ae3b\$3a1392e0\$0a00a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

You could probably use them for patch antennas too!

72, Dave Fifield, AD6A

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
Of Scott Rosenfeld [N7JI]
Subject: AOL CD as stripline transformer

You could use CDs for stripline matching networks, too!
(snip)

Date: Sat, 28 Dec 2002 10:31:07 +0100
From: Ingo Meyer DK3RED <dk3red@gmx.net>
To: qrp-l@Lehigh.EDU
Subject: [143315] Re: WM-2 alignment help
Message-ID: <5.1.1.6.1.20021228103025.009f8ec0@pop.gmx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Jim,

>copy A : 2.31 V for 10 W, 0.74 V for 1 W, 0.225 V for 100 mW

Copy "A" is right.

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>
QRP ARCI #11295 <http://www.qrparci.org>

Date: Sat, 28 Dec 2002 11:32:39 +0100
From: "Sverre Holm - LA3ZA" <la3za@qsl.net>
To: <k6whp@verizon.net>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [143316] RE: FREE: YATP (Yet Another Toroid Program)
Message-ID: <000a01c2ae5c\$7785b1f0\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Very nice program, that I would like to use.

One wish on behalf of non-US hams: could you give wire sizes in mm as well?

73
Sverre LA3ZA
www.qsl.net/la3za

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]
> On Behalf Of William Phinizy
> Sent: 28. desember 2002 06:13

> To: Low Power Amateur Radio Discussion
> Subject: FREE: YATP (Yet Another Toroid Program)
>
>
> I am working on an app to do some of the more common
> calculations we are faced with in our day to day travails as
> QRP builders and experimenters (it's a dirty job, but
> *someone's* got to do it). If you would like to be a
> real-life beta tester, you can download it from:
>
<http://www.geocities.com/k6whp>

There are download instructions there and a readme file bundled with the executable (it's in a .zip format). It's pretty straightfoward and, to date, contains the ability to calculate toroids and ferrite core inductors. I would appreciate constructive comments and criticism.

Enjoy..

72,

W. Phinizy, k6whp

Date: Sat, 28 Dec 2002 06:04:10 -0500
From: "Dave Richards" <wr3i@earthlink.net>
To: <la3za@qsl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143317] RE: FREE: YATP (Yet Another Toroid Program)
Message-ID: <FAEEKPCBNNDNKGMPIBKCEMACKAA.wr3i@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Sverre,
25.4/awg=mm

Dave
W1QB

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Sverre Holm - LA3ZA
Sent: Saturday, December 28, 2002 5:33 AM
To: Low Power Amateur Radio Discussion

Subject: RE: FREE: YATP (Yet Another Toroid Program)

Very nice program, that I would like to use.

One wish on behalf of non-US hams: could you give wire sizes in mm as well?

73

Sverre LA3ZA

www.qsl.net/la3za

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]

> On Behalf Of William Phinizy

> Sent: 28. desember 2002 06:13

> To: Low Power Amateur Radio Discussion

> Subject: FREE: YATP (Yet Another Toroid Program)

>

>

> I am working on an app to do some of the more common

> calculations we are faced with in our day to day travails as

> QRP builders and experimenters (it's a dirty job, but

> *someone's* got to do it). If you would like to be a

> real-life beta tester, you can download it from:

>

<http://www.geocities.com/k6whp>

There are download instructions there and a readme file bundled with the executable (it's in a .zip format). It's pretty straightfoward and, to date, contains the ability to calculate toroids and ferrite core inductors. I would appreciate constructive comments and criticism.

Enjoy..

72,

W. Phinizy, k6whp

Date: Sat, 28 Dec 2002 06:51:37 -0500

From: "Ron Polityka" <wb3aal@fast.net>

To: ". QRP-L" <qrp-l@lehigh.edu>

Subject: [143318] QRP Contest Calendar for 2003
Message-ID: <001801c2ae67\$7b2ee2d0\$15e35cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I hope everyone had a enjoyable Christmas and will have a Great New Year.

There are only 19 days remaining in which you can purchase the 2003 Contest Calendar for QRP'ers. After Jan. 15, 2003 the sale is over. Check out www.n3epa.org for information about the calendar.

If you like to run QRP contest, this is a good way to plan ahead your operations. I give one to the wife with the dates circled when I plan on running a QRP Contest.

Thank you for the time and space.

72 & Good DX
Ron de WB3AAL
wb3aal@fast.net
www.n3epa.org

Date: Sat, 28 Dec 2002 07:36:22 -0500 (EST)
From: Chris Cartwright <ccart@phideaux.com>
To: <n5ib@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [143319] Re: WM-2 alignment help
Message-ID: <Pine.LNX.4.33.0212280730560.17148-1000000@dns.phideaux.com.>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Dec 2002 n5ib@juno.com wrote:

> I'm troubleshooting a WM-2 wattmeter for a local op. All is now working
> copy A : 2.31 V for 10 W, 0.74 V for 1 W, 0.225 V for 100 mW
> copy B: 2.56 V for 10 W, 0.80 V for 1 W, missing data for 100 mW

Hmmm... Mine says 2.56, .8 and .251V, the schematic is Rev E and it was built in September of '95. I've verified it with a scope and a dummy load, and it seems to be right on the money. Since there are no

precision resistors in it, I'd have to assume the mA rating of the meters must have changed at some point.

72

```
-- Chris Cartwright,   Unix Administrator |      ccart@phideaux.com      --
-- N3XRV      ARRL-VE   Norcal Zombie #163 |   Oxford, PA 19363 FM29as   --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
```

Date: Sat, 28 Dec 2002 07:26:05 -0600
From: "Joe Martin" <km5cw@arrl.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [143320] Re: QRP Contest Calendar for 2003
Message-ID: <020101c2ae74\$adc98620\$e32dbad0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got my QRP calendar yesterday, looks great. Good work on the calendar and super fast delivery, thanks for the effort.

73 de KM5CW Joe
FISTS #4217 QRPARCI #11368 NETXQRP#42
RockMite 20
GRID-EM13kf
(<http://web.wt.net/~km5cw>)
-.-. -.-. -.-.

----- Original Message -----
From: "Ron Polityka" <wb3aal@fast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 28, 2002 5:51 AM
Subject: QRP Contest Calendar for 2003

> Hello,
>
> I hope everyone had a enjoyable Christmas and will have a Great New Year.
>
> There are only 19 days remaining in which you can purchase the 2003
Contest
> Calendar for QRP'ers. After Jan. 15, 2003 the sale is over. Check out
> www.n3epa.org for information about the calendar.
>

> If you like to run QRP contest, this is a good way to plan ahead your
> operations. I give one to the wife with the dates circled when I plan on
> running a QRP Contest.
>
> Thank you for the time and space.
>
> 72 & Good DX
> Ron de WB3AAL
> wb3aal@fast.net
> www.n3epa.org
>
>

Date: Sat, 28 Dec 2002 09:12:47 EST
From: IamSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [143321] Question for 6 meter antenna/RF experts
Message-ID: <d1.21d41195.2b3f0b5f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
On the R/C list there is a lot of talk going on about operating the craft on
6 meters.
Seems like some are worried that while your running say a couple of stacked
beams and 2-300 watts and the beam is pointed at the flying site 100 miles
away you may cause their receiver to lock on to your signal and your 2-300
watts over ride the MAX 1 watt were allowed.
With the aircraft up around the 4-500 foot altitude this seems possible.
Anyone care to give any input on this?
Bob
AF2Q

Date: Sat, 28 Dec 2002 09:16:38 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [143322] AWG to mm wire diameter conversion...
Message-ID: <BAY1-F100vN3qljWwY00001ecdc@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Just found this on the web:

Diameter, measured in mm = $92^{((36-AWG)/39)} \times 0.127$

That's 92 raised to the $((36-AWG)/39)$ and then multiplied by 0.127

For inches, divide the result by 25.4

For example, the diameter of single-strand 18 AWG is ~1.02 mm or ~0.040 in.

No idea how the formula is derived...how 'bout it, mathematicians?

Seems to work fine for single strand wire...I checked 18 AWG thru 6 AWG calculations against the table found at:

http://www.metric.fsworld.co.uk/siwire_elect.htm

Tables abound for such conversions but this is the first time I've found a *seemingly* workable formula.

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

MSN 8: advanced junk mail protection and 3 months FREE*.

<http://join.msn.com/?page=features/junkmail&xAPID=42&PS=47575&PI=7324&DI=7474&SU=>

http://www.hotmail.msn.com/cgi-bin/getmsg&HL=1216hotmailtaglines_advancedjmf_3mf

Date: Sat, 28 Dec 2002 06:43:37 -0800

From: "William Phinizy" <k6whp@verizon.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [143323] Re: FREE: YATP (Yet Another Toroid Program)

Message-ID: <001301c2ae7f\$82990060\$5b63e043@k6whp>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

My thanks for the many comments and suggestions to date. Metric units in the measurements and larger calc window mods are underway.

I am extremely embarrassed to admit a great oversight. My inspiration for

this toroid program idea came from Todd Gale, VE7BP0, who maintains one of the finest sites on QRP work: the QRP Homebuilder web site. Todd's fine work includes some first-rate applications and fantastic circuitry. The artwork is first rate and commentary terrific! It can be found at:

<http://www.qrp.pops.net/probe1.htm>

You owe it to yourself to see how much fun you can have with a handful of 2N3904s.

72,

Bill, k6whp

Date: Sat, 28 Dec 2002 06:47:54 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: IamSF5@aol.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [143324] Re: Question for 6 meter antenna/RF experts
Message-ID: <20021228144754.5933.qmail@web14206.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Here in Northern Virginia, we have several local flying fields and a very active vhf/uhf group and both share six meters without any great problems. There is a lot of space between where the planes will be and where the cw/ssb/fm boys hang out.

Only problem I have heard about here was when a fellow who was a ham and a flyer, keyed up on fm while at the field. His friends plane did not come down, just was a bit slow to respond.

You should have no problems.

73, Bill kc4atu

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Sat, 28 Dec 2002 10:04:01 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "EPA-QRP" <EPA-QRP@yahooogroups.com>,
 "NoVAQRP" <NoVaQRP@topica.com>, "NJQRP" <njqrp@njqrp.org>,
Subject: [143325] QuickieLab project update
Message-ID: <002e01c2ae82\$5f2fb9e0\$f0c13ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks -

Just a quick update on the QuickieLab project ... photos of the final pc board and component layout are now posted on the project website: <http://www.njqrp.org/quickielab> . The production run of pcb's are green solder-masked with white silkscreening to assist in component placement and assembly quality.

We were fully expecting to ship the QuickieLab pc boards before Christmas, but the job got caught up in the holiday rush at the PCB fab house and our lower priority bumped it from the production queue until they get reopen on Jan 6th. (We allow them to place our club's jobs at a low priority in order to reduce our costs.) The QuickieLab PC BOARD will be shipped on Jan 15th. Sorry for the delay and thanks for your patience.

Hope everyone's holidays are going well. It's been fun on this end getting some break from biz travel in order to finish up lots of projects. Been traveling cross-country each week to Santa Clara during Nov-Dec, and will continue through first quarter of the new year. Sure makes the weekends precious!

73 & HH,
-- George N2APB
 n2apb@amsat.org

PS: What is the QuickieLab"? It's a simple BASIC computing board developed specifically for us QRPers to experiment with RF control projects like measuring voltage and frequency, controlling our HF rigs over a serial port, serving as a VFO by controlling a DDS to generate precise and accurate frequencies, and lots more. Further, Joe Everhart N2CX has started writing about QuickieLab applications in his regular "Joe's Quickies" and "Test Topics & More" columns in QRP Quarterly. Of course, the QuickieLab web page has lots more details, photos, software and parts availability information.

Date: Sat, 28 Dec 2002 10:03:14 EST
From: Macstein@aol.com
To: qrp-1@lehigh.edu, fpqrp-1@mpna.com
Subject: [143326] Re: WAP-2003 Contest
Message-ID: <140.648e38f.2b3f1732@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I just got around to reading the WAP-2003 contest suggestions. As a FP, I'm just not used to following "rules" so it took me a while.

Regarding "rule" #11: I will neither confirm nor deny any contact with me, FP#51 -- except via a uniquely fabricated, one-of-a-kind QSL card which will, no doubt, simultaneously confirm my qualifications as SOC#28... not to mention QRP-L#704 (remember when those were part of the FOX exchange?)

In fact, I am actually thinking about putting up an antenna for this event, but that lazy no-good Paul K4FB and that lazy no-good Aron NN1F will never come to my alleged QTH to "supervize" and eat me out of supposed house and home. Come to think of it, Diz W8DIZ came within a few miles of my alleged location and stooped as far as breaking Nancy's (just who IS Helen?) leg to keep from helping me get some "hog whar" up in the air.

At least Joel KE1LA pretends to listen to me...

Reports have been leaked that I will be "ON THE AIR" SK night using the world traveled MP#4 rig. I wonder as I wander?

Hey Lloyd, nice Fox outing dude! WTG!

(I can't go "back in the hole", KU7Y is always in there.)

-MAC-

AF4PS

AKA: The Reverend Dr. Henry McCall Steinmeyer III (see why I use "Mac"?)

Date: Sat, 28 Dec 2002 09:12:55 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [143327] Re: Question for 6 meter antenna/RF experts
Message-ID: <200212281603.KAA13134@steel.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

On Sat, 28 Dec 2002 09:12:47 -0500 (EST), IamSF5@aol.com wrote:
>Hi Gang, On the R/C list there is a lot of talk going on about
>operating the craft on 6 meters.
>Seems like some are worried that while your running say a couple=
of
>stacked beams and 2-300 watts and the beam is pointed at the=
flying
>site 100 miles away you may cause their receiver to lock on to=
your
>signal and your 2-300 watts over ride the MAX 1 watt were=
allowed.
>With the aircraft up around the 4-500 foot altitude this seems
>possible.
>Anyone care to give any input on this?

I don't claim to be an expert but I know a couple of sailplane=
pilots who use
6 Meter equipment (and are licensed Hams). They fly at events=
around the
country and I have never heard them mention any interference=
problems. I
think both have been using 6 Meters for a number of years now.

Tim, N9PUZ
<http://www.qsl.net/n9puz>

Date: Sat, 28 Dec 2002 10:20:35 -0500
From: Jeff Davis <ke9v@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [143328] Paul Harden, NA5N
Message-ID: <005901c2ae84\$abeda6f0\$9800a8c0@ke9v>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Anybody got a good email address for Paul? His Rt66.com address is
bouncing.

72, Jeff
<http://www.qsl.net/ke9v/>

Date: Sat, 28 Dec 2002 08:25:03 -0700
From: "Chris Trask" <chistrask@earthlink.net>
To: <aa5tb@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143329] Re: Loop Antennas
Message-ID: <000f01c2ae85\$4ce8be00\$20023b41@ctrask>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

On Friday, December 27, 2002 8:31 PM, Stephen Yates wrote:

>
> For a given size conductor the efficiency will increase rapidly
> with an increase in the loop size, up to a point. For the lower
> bands it is hard to get too big. A 7' square loop will be much
> more efficient than a 3 or 4' loop on the lower bands. You will
> still need a capacitor to resonate the loop and I would recommend
> a small coupling loop to feed it. See the following for reference
> and be sure to check out the links at the bottom of the page:
>
> <http://www.qsl.net/aa5tb/loop.html>
>
> Actually, as for efficiency you can't get too big but the loop may
> no longer be classified a "small" loop. Once the size increases
> beyond about 1/10 wavelength circumference the null that is
> perpendicular to the plane of the loop will start to fill in
> (technically, a "small" loop requires that the phase be essentially
> constant throughout the loop which means it must be small in terms
> of wavelength).
>
> If you just want something to radiate efficiently then make the loop
> as large as possible.
>

For a loop antenna that is fed balanced, the efficiency will peak at the frequency where the conductor length is one-half wavelength (and any odd integer multiples) and it will be zero at the frequency where the conductor length is one wavelength (and any integer multiples). Because of the antiresonances, it's best to operate the loop at a frequency where the conductor length is one quarter wavelength. Theoretically, you can achieve efficiencies above 90% with the right combination of conductor size and length.

And always feed it balanced. The null deteriorates rapidly for unbalanced loops, becoming almost unidirectional at antiresonance but

remains intact for balanced loops right through antiresonance, then rotates clockwise rapidly at the one wavelength resonance.

Chris

```

      /-----\
     /  What's all this  \
    / extinct stuff, anyhow? \
   /-----\
  _ | /
oo\
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        \  ( )  \
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          \  | | | | \  '
           \  c__; c__; '---'>._

```

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: chistrask@earthlink.net
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

----- Original Message -----

From: "Stephen Yates" <aa5tb@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, December 27, 2002 8:31 PM

Subject: Re: Loop Antennas

> 73,
> Steve Yates - AA5TB
>
> <http://www.qsl.net/aa5tb/>
>
>
>
>

Date: Sat, 28 Dec 2002 10:25:17 EST

From: Mercxx@aol.com

To: qrp-l@lehigh.edu

Cc: robink@us.ibm.com

Subject: [143330] Happy Dance
Message-ID: <141.648f23b.2b3f1c5d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good morning,

Well I have a K2!!!!!! As I wrote earlier this month the wife decided to buy me a rig. She got a K2!!! It arrived this morning already assembled. She purchased it from Robin Kidd who did an excellent job she is beautiful. It already has several options installed and is ready to go. It is S/N 216 Revision A. I know that the firmware has been upgraded, so the question is do I order the firmware upgrade or is it okay the way it is?

The second surprise is that I found out she has been reading my email and read that several people had recommended that I try to build it and several recommended the K-1 to start with, well she told me to go ahead and order a K1 and build it myself!!! What a Christmas I am truly blessed!!! I want to again thank everyone who responded and for all of your encouragement and advice. I am going out of town tonight but hope to be on the air by next weekend. Thanks again and if anyone has any tips on upgrades please feel free to drop me a line. Thanks again and a Happy New Year to all!!!!!!!

72

Steve Clark
Bartow, Florida

Date: Sat, 28 Dec 2002 10:29:27 -0500
From: "Mark Paley" <mpaley@wcnet.org>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [143331] Buddipole portable antenna
Message-ID: <PGEPLCEGJDMJPHIGJMDGOELMFDA.A.mpaley@wcnet.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am interested in hearing any comments from fellow qrp-ers on the performance of this antenna. I am considering either building one or maybe even (gasp) buying the commercial version. What say?

73 de

Mark Paley--KF8KL--
K1 #1117, K2 #250 QRP-L #1899
<http://wcnet.org/~mpaley>

Date: Sat, 28 Dec 2002 07:00:51 -0700
From: <tlogan7@cox.net>
To: "QRP-1" <qrp-1@Lehigh.EDU>
Cc: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [143332] Need input re OHR500; Norcal BLT etc
Message-ID: <00d801c2ae79\$884fc440\$1b836344@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks -

As I've mentioned previously on this reflector I have a real fondness for the OHR500. Yes, I run a K2/100 and a 756PRO etc, etc - but the OHR500 has a "retro" feel that I just love. Should have NEVER sold my first one to raise bucks!

I have contemplated a number of mods (even a built in digital display until I recovered from that moment of insanity) - and have come to the conclusion that ALL mods must help maintain that "retro feel" - hence no digital read outs etc.

So far I will be: 1) Installing that wonderful little Freqmite on the front panel; 2) Installing a PK-3 keyer on the front panel; and 3) installing an internal speaker (4ohm, 3 watt or 8ohm 5 watt - need to experiment)

I would like to go one step further (if possible) and that is to install an internal antenna tuner. I have ruled out the Z-11 because it just doesn't fit the "image" and easy going operating style I want to create. It also would be very difficult to break up the control panel between front and back panels etc - too many lights and switches -and noisy).

I have been pondering the Emtech ZM-2 but I believe it has two limitations:

1) - The dials are too large and if I reduce them to the small size I need, tuning will be very difficult, if not impossible, because of the sharpness of the tuning. Also, it requires too many additional switches etc for panel placement. First question to users of the Emtech: Would you agree that it would be very difficult to operate with small dials?

2) - The next light bulb that went on was regarding the little Norcal BLT tuner kit I have on my desk! I looked it over and it can apparently be modified to do both balanced and unbalanced lines. It's possible it could be worked into the front panel with some judicious planning.

The OHR500 can actually go over 5 watts (I saw it on my first one) - so

second question to BLT users: will the BLT deal with minor excursions over 5 watts without doing harm?

Second question to BLT users: how well would you estimate it would (or would not) work in this application and what might your concerns or recommendations be?

Finally, in the past I have used dry transfers from the local model railroad shop for labeling modified front panels - anyone have a better approach?

I would really appreciate you input on the BLT etc folks.

Final caveat - I'm one of the technical morons on the list - so please bear that it mind when making suggestions. I DO keep trying to though! Thanks folks.

73/Tim NZ7C

Date: Sat, 28 Dec 2002 07:05:12 -0700
From: <tlogan7@cox.net>
To: "QRP-1" <qrp-1@Lehigh.EDU>
Subject: [143333] PS re OHR500 & BLT - reply direct please
Message-ID: <000b01c2ae7a\$239f97e0\$1b836344@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks -

I get the reflector in digest form. If you could copy to me direct at tlogan7@cox.net, I would be appreciated. Thanks and 73/Tim

Date: Sat, 28 Dec 2002 08:43:38 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: qrp-1@lehigh.edu, sloner@earthlink.net
Subject: [143334] Re: Homebrew Ant Sw and Dummy Load
Message-ID: <BA3314BA.22579%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Richard - What you are proposing should work fine.

A good rule of thumb (attributed to Art Collins) is to keep the length of

parasitic wires below 1 degree (there being 360 degrees in a wavelength). For 28 MHz, or 10 Meters, this is 1/36 meter, about 2.8 centimeters or a little over 1 inch. In practice, for a simple switch you could probably go slightly longer than this, but I would not exceed 0.01 wavelength or 4 inches at 10 meters. Now that I see that in print it looks too long though. The length of the conductor in the switch should be included in this length.

Recall that rules of thumb are easy guides to proper design only and not rules that govern the behavior of the physical world.

To avoid this problem altogether, you could use a double pole-double throw switch and miniature coax such as RG-174 or RG-316. Switch both the inner conductor and the braid.

I have heard of people using 3 way light switches (from the hardware store) to switch antennas at HF with no problems.

I hope that this helps. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sat, 28 Dec 2002 10:54:05 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: ke9v@comcast.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143335] Re: Paul Harden, NA5N
Message-ID: <5.2.0.9.2.20021228105221.02054d58@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Jeff... try: pharden@aoc.nrao.edu . That was what he used the last time I saved an email. Nice website, by the way!

At 10:20 AM 2002-12-28, Jeff Davis wrote:
>Anybody got a good email address for Paul? His Rt66.com address is
>bouncing.
>
>72, Jeff
><http://www.qsl.net/ke9v/>

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail

Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sat, 28 Dec 2002 11:00:45 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>, "NoVAQRP" <NoVaQRP@topica.com>,
"NJQRP" <njqrp@njqrp.org>, "EPA-QRP" <EPA-QRP@yahoogroups.com>
Subject: [143336] HC908 Daughtercard project update
Message-ID: <004501c2ae8a\$49db8bc0\$f0c13ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's another quick update on a project so very close to availability ...
the HC908 Daughtercard. I've posted photos of the production-version pc
board on the HC908 project website: <http://www.njqrp.org/hc908> .

Also now posted is my "HCmon" debug monitor software program (source code)
that provides a ton more capability that originally outlined in my regular
column "Digital QRP Homebrewing" column in QQ magazine. In addition to
being able to inspect registers and memory locations as first promised, the
debug monitor now allows nearly full stand-alone "in-circuit debug"
capabilities like setting breakpoints and "go" starting at any address. Of
course this is still coupled with the ability to download new software
programs from your PC (i.e., from the Internet) and burn them into Flash
memory to make them permanent.

We have most of the 100 production boards now sitting here in the shop all
assembled and tested, and in the process of being programmed with the
initial software programs available for when you first power up your
Daughtercard. This includes the HCmon program just mentioned, plus a test
program that interactively tests the various components you'll likely be
connecting up to your HC908 ... like an LCD, keypad, serial port to your PC,
reflectometer (for antenna measurements), DDS (to generate VFO signals), PS2
keyboard (for text data entry), and more.

We fully expect to be able to ship the HC908 Daughtercard within the first couple of weeks of January. We realize that delivery of this project has been long-delayed and we greatly appreciate everyone's patience thus far. If you're checking the HC908 project page, and it's sister page "QRP Breadboard" (being updated next), I think you'll agree that the wait has been worthwhile. This project is very cool, has been getting better with maturing product, and will result in a powerful and flexible Antenna Analyzer (and other derivative projects) coming about in the first quarter of the new year. With the completion of the HC908 Daughtercard, the dam has broken free and we'll see lots of quick progress on the various projects depending on it.

As mentioned in the previous update, weekly cross-country business trips to CA have kept me quite busy during the 4th quarter of this year, but these holidays have allowed us to catch up on the projects to clear the bottlenecks and get them available. Thanks for understanding.

73 & HH,
--George Heron, N2APB n2apb@amsat.org
for the NJQRP Club at <http://www.njqrp.org>

Date: Sat, 28 Dec 2002 11:58:27 -0500
From: Michael Babineau <michael.babineau@sympatico.ca>
To: qrp-l@Lehigh.EDU
Subject: [143337] re: Destroying CDs & hint for cheap wire antenna insulators
Message-ID: <95838B36-1A85-11D7-90E3-00039309268A@sympatico.ca>
Mime-Version: 1.0 (Apple Message framework v548)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Given the increasing use of CD-Rs for backups I would guess that sometime soon that you will see a commercial solution to the problem of destroying CDs, possibly something that works like a paper shredder.

Hopefully people will realize that throwing out old backup CDs without destroying them is a bit like posting the contents of their hard drive on the internet. A little dumpster-diving could yield a lot of very interesting information since we tend to backup at least the most important data from our drives.

If you really want to destroy a CD do the following .. put on a heavy glove (so you don't get plastic shards in your hand), hold the cd in the palm of your hand and put your hand in a plastic grocery bag (you only have to do this once without the bag to know why it is needed) squeeze really hard until the CD shatters. Eye protection might also be a good idea. Works best if you are only destroying a few Cds and if you have large hands. I guarantee that the CD can not be read after doing this.

Now my obligatory QRP comment ... looking for insulators for a lightweight portable wire antenna? Try the synthetic corks now being used in wine bottles. I use the variety called SupremeCorq (tm) as the plastic tends to be a bit firmer than some of the others.

Although the manufactures of this product were unwilling to give me the details of its composition, I was assured by their head engineer that it was an insulator at RF frequencies. I tried a couple in the microwave with a glass of water for a few minutes and could discern no change in temp so they don't seem to absorb RF at least at microwave frequencies.

I clamp them in a vice or a pair of vice grips and drill through them at a low speed with a small wood bit. Note that you need to drill a hole slightly bigger than what you need because the end result will be smaller than what you expect due to the elastic nature of the product. I haven't used them for a permanent setup because I believe that the plastic is too soft to take a lot of strain without tearing through. Works great on lightweight backpack wire antennas though. Enjoy!

Michael VE3WMB

Date: Sat, 28 Dec 2002 12:01:19 -0500
From: "NZ8J" <nz8j@woh.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [143338] FS: FT-817 with extras
Message-ID: <006601c2ae92\$be3619b0\$6400a8c0@NZ8J>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a 2 week old Yaesu FT-817 that is as new with all original packing

and paperwork. Comes with the 500hz CW filter and the CT-62 CAT interface cable. (works great with the Commander program). Also comes with the "Pack-It" reference book and a Buxcom Rascal interface with the 6 pin mini-din connector for the FT-817 that has not arrived yet, but will include it in the sale.

Reason for selling is the xyl presented me with a new Ten Tec Argonaut V on Christmas morning so the FT-817 is not going to get any use.

With ship and insure to your door for \$499.00 firm, not interested in trades...

Thanks
Tim
NZ8J

Date: Sat, 28 Dec 2002 09:57:33 -0700
From: "Jess Gypin" <jessmx5@earthlink.net>
To: <mpaley@wcnet.org>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143339] Re: Buddipole portable antenna
Message-ID: <018101c2ae92\$3dd7b440\$41365742@jgypin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You should read the reviews on eham.com. You might also want to join the HFpack group on yahoo groups. Many of the people that hang out there are using the Buddipole. Also, Bud W3FF, can be heard almost daily on 18.157.5, the HFpack frequency.

Jess

----- Original Message -----

From: "Mark Paley" <mpaley@wcnet.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 28, 2002 8:29 AM
Subject: Buddipole portable antenna

> I am interested in hearing any comments from fellow qrp-ers on the
> performance of this antenna. I am considering either building one or maybe
> even (gasp) buying the commercial version. What say?
>

> 73 de
> Mark Paley--KF8KL--
> K1 #117, K2 #250 QRP-L #1899
> <http://wcnet.org/~mpaley>
>
>
>
>
>
>
>

Date: Sat, 28 Dec 2002 12:08:55 -0500
From: "Lee Mairs" <lairs@direcway.com>
To: <Mercxx@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [143340] Re: Happy Dance
Message-ID: <012501c2ae93\$d168ff60\$3b6d020a@boomer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve -
You don't think any of us believe you really have a wife like this do you?

73 de Lee
km4yy

----- Original Message -----
From: <Mercxx@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 28, 2002 10:25 AM
Subject: Happy Dance

> Good morning,
> Well I have a K2!!!!!! As I wrote earlier this month the wife decided to
> buy me a rig. She got a K2!!! It arrived this morning already assembled.
> She purchased it from Robin Kidd who did an excellent job she is
beautiful.
> It already has several options installed and is ready to go. It is S/N
216

> Revision A. I know that the firmware has been upgraded, so the question is
> do I order the firmware upgrade or is it okay the way it is?
> The second surprise is that I found out she has been reading my email and
> read that several people had recommended that I try to build it and several
> recommended the K-1 to start with, well she told me to go ahead and order a
> K1 and build it myself!!! What a Christmas I am truly blessed!!! I want to
> again thank everyone who responded and for all of your encouragement and
> advice. I am going out of town tonight but hope to be on the air by next
> weekend. Thanks again and if anyone has any tips on upgrades please feel
> free to drop me a line. Thanks again and a Happy New Year to all!!!!!!
>
> 72
> Steve Clark
> Bartow, Florida
>

Date: Sat, 28 Dec 2002 09:10:04 -0800
From: "LEE HOPPER" <leehopp@msn.com>
To: qrp-l@Lehigh.EDU
Subject: [143341] A. Prose Walker, W4BW, SK
Message-ID: <F11AqHv4PJut4eAMW7D0002a968@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

One evening in May, 2001, I had a short conversation with W4BW in Rochester, NY. The qso was short due to poor condx, but I remembered the gentleman's name because it was unusual: Prose. At the time he must have been about 91 yrs old. The band was 30M. My power was 5W.

When the QSL card came, I recognized the name.

I see in the Jan QST, p. 72 that he was a major player in getting us the WARC bands. The writeup is very good, including a picture.

What a great hobby to have people like this in it.

73 -

Lee Hopper, NB7F

Portland, OR, USA

The new MSN 8: smart spam protection and 3 months FREE*.
[http://join.msn.com/?page=features/junkmail&xAPID=42&PS=47575&PI=7324&DI=7474&SU=](http://join.msn.com/?page=features/junkmail&xAPID=42&PS=47575&PI=7324&DI=7474&SU=http://www.hotmail.msn.com/cgi-bin/getmsg&HL=1216hotmailtaglines_smartspamprotection_3mf)
[http://www.hotmail.msn.com/cgi-bin/](http://www.hotmail.msn.com/cgi-bin/getmsg&HL=1216hotmailtaglines_smartspamprotection_3mf)
[getmsg&HL=1216hotmailtaglines_smartspamprotection_3mf](http://www.hotmail.msn.com/cgi-bin/getmsg&HL=1216hotmailtaglines_smartspamprotection_3mf)

Date: Sat, 28 Dec 2002 10:02:58 -0700
From: "Jess Gypin" <jessmx5@earthlink.net>
To: <nz8j@woh.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [143342] Re: FT-817 with extras
Message-ID: <01a401c2ae92\$f9a9aca0\$41365742@jgypin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

keep both?

----- Original Message -----

From: "NZ8J" <nz8j@woh.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, December 28, 2002 10:01 AM
Subject: FS: FT-817 with extras

> I have a 2 week old Yaesu FT-817 that is as new with all original packing
> and paperwork. Comes with the 500hz CW filter and the CT-62 CAT interface
> cable. (works great with the Commander program). Also comes with the
> "Pack-It" reference book and a Buxcom Rascal interface with the 6 pin
> mini-din connector for the FT-817 that has not arrived yet, but will
include
> it in the sale.
>
> Reason for selling is the xyl presented me with a new Ten Tec Argonaut V
on
> Christmas morning so the FT-817 is not going to get any use.
>
> With ship and insure to your door for \$499.00 firm, not interested in
> trades...
>
> Thanks
> Tim
> NZ8J

>
>
>

Date: Sat, 28 Dec 2002 12:13:02 -0500
From: "Lee Mairs" <lmairs@direcway.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [143343] Re: Homebrew Ant Sw and Dummy Load
Message-ID: <013901c2ae94\$64af2d30\$3b6d020a@boomer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A friend and I built VHF power amplifiers as a cottage industry back in the mid-70s. We successfully utilized 4PDT 12VDC relays to switch up to 170 watts at 2 meters.

73 de Lee
KM4YY

----- Original Message -----

From: "James R. Duffey" <JamesDuffey@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, December 28, 2002 10:43 AM
Subject: Re: Homebrew Ant Sw and Dummy Load

> Richard - What you are proposing should work fine.
>
> A good rule of thumb (attributed to Art Collins) is to keep the length of
> parasitic wires below 1 degree (there being 360 degrees in a wavelength).
> For 28 MHz, or 10 Meters, this is 1/36 meter, about 2.8 centimeters or a
> little over 1 inch. In practice, for a simple switch you could probably go
> slightly longer than this, but I would not exceed 0.01 wavelength or 4
> inches at 10 meters. Now that I see that in print it looks too long
though.
> The length of the conductor in the switch should be included in this
length.
>
> Recall that rules of thumb are easy guides to proper design only and not
> rules that govern the behavior of the physical world.
>
> To avoid this problem altogether, you could use a double pole-double throw

> switch and miniature coax such as RG-174 or RG-316. Switch both the inner
> conductor and the braid.
>
> I have heard of people using 3 way light switches (from the hardware
store)
> to switch antennas at HF with no problems.
>
> I hope that this helps. - Dr. Megacycle KK6MC/5
> --
> James R. Duffey KK6MC/5
> Cedar Crest, NM DM65
>
>

Date: Sat, 28 Dec 2002 10:05:04 -0700
From: "Jess Gypin" <jessmx5@earthlink.net>
To: <lmairs@direcway.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143344] Re: Happy Dance
Message-ID: <01ac01c2ae93\$461b1240\$41365742@jgypin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm still trying to figure out if he said his wife is beautiful, or the
radio is beautiful, or both? ;-)

Jess

----- Original Message -----

From: "Lee Mairs" <lmairs@direcway.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 28, 2002 10:08 AM
Subject: Re: Happy Dance

> Steve -
> You don't think any of us believe you really have a wife like this do you?
>
> 73 de Lee
> km4yy
>
>
> ----- Original Message -----
> From: <Mercxx@aol.com>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Saturday, December 28, 2002 10:25 AM
> Subject: Happy Dance
>
>
> > Good morning,
> > Well I have a K2!!!!!! As I wrote earlier this month the wife decided
to
> > buy me a rig. She got a K2!!! It arrived this morning already
assembled.
> > She purchased it from Robin Kidd who did an excellent job she is
> beautiful.
> > It already has several options installed and is ready to go. It is S/N
> 216
> > Revision A. I know that the firmware has been upgraded, so the question
> is
> > do I order the firmware upgrade or is it okay the way it is?
> > The second surprise is that I found out she has been reading my email
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> > read that several people had recommended that I try to build it and
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> > recommended the K-1 to start with, well she told me to go ahead and
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> > K1 and build it myself!!! What a Christmas I am truly blessed!!! I want
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> > again thank everyone who responded and for all of your encouragement and
> > advice. I am going out of town tonight but hope to be on the air by
next
> > weekend. Thanks again and if anyone has any tips on upgrades please
feel
> > free to drop me a line. Thanks again and a Happy New Year to all!!!!!!
> >
> > 72
> > Steve Clark
> > Bartow, Florida
> >
>

Date: Sat, 28 Dec 2002 12:20:22 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: jessmx5@earthlink.net, QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [143345] Re: Happy Dance
Message-ID: <5.2.0.9.2.20021228121931.020f4c00@pop.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Like it really matters what a wife THAT good to you LOOKS like!!!

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sat, 28 Dec 2002 10:14:55 -0700
From: "Jess Gypin" <jessmx5@earthlink.net>
To: "QRP-L Reflector" <qrp-l@lehigh.edu>,
"Ed Tanton" <n4xy@earthlink.net>
Subject: [143346] Re: Happy Dance
Message-ID: <01c701c2ae94\$a7e83100\$41365742@jgypin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good point! I can be bought #8^P

Jess

----- Original Message -----

From: "Ed Tanton" <n4xy@earthlink.net>
To: <jessmx5@earthlink.net>; "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 28, 2002 10:20 AM
Subject: Re: Happy Dance

> Like it really matters what a wife THAT good to you LOOKS like!!!

>
>
>
> 73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>
> website: <http://www.n4xy.com>
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
> LM: ARRL QCWA AMSAT & INDEXA;
> SEDXC NCDXA GACW QRP-ARCI
> OK-QRP QRP-L #758 K2 (FT) #00057
>
>

Date: Sat, 28 Dec 2002 18:15:45 +0100
From: Ingo Meyer DK3RED <dk3red@gmx.net>
To: qrp-1@Lehigh.EDU
Subject: [143347] Re: WM-2 alignment help
Message-ID: <5.1.1.6.1.20021228180852.00a00ec0@pop.gmx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Chris,

>Hmmm... Mine says 2.56, .8 and .251V, the schematic is Rev E and it was
>built in September of '95. I've verified it with a scope and a dummy
>load, and it seems to be right on the money. Since there are no
>precision resistors in it, I'd have to assume the mA rating of the meters
>must have changed at some point.

I can not say which Rev is my manual. I don't like paper, so I downloaded
the manual (in German) from my QRP dealer (www.qrpproject.de).

Maybe the crew from Oak Hills Research (www.ohr.com) can wrote more
informations.

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>

DL-QRP-AG #824 <http://www.dl-qrp-ag.de>
QRP ARCI #11295 <http://www.qrparci.org>

Date: Sat, 28 Dec 2002 10:28:59 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [143348] Re: Radio Shack HTX-10 followup
Message-ID: <5.1.1.6.2.20021228095310.009fd740@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At least the HTX-100 has a sort-of CW mode. As with the HTX-10, the selectivity is pretty broad (no CW filter). The T/R delay is microprocessor controlled, fixed at about one second. This is painful during the 10M contest and Field Day: by the time the rig turns back to receive, you miss the beginning of the exchange. QSK, it is not!

The power settings are adjustable by internal pots, so you can set it up for 5W low power (QRP-CW) and 10W high power (QRP-SSB). That's nice!

I still keep mine around, thinking I'll eventually get a "round tuit" and install it in my old truck as a mobile rig. Maybe in time for the next solar cycle peak, in my next old truck ;^) Or maybe with a transverter for 222MHz.

72,
--Tim (KR0U)

>"Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>:
>
>The Radio Shack HTX-100 was marketed during the buildup to the last sunspot
>peak and discontinued when solar conditions started down. The HTX-10 was
>marketed as the current cycle neared the peak and is now being
>discontinued. I believe that both radios were manufactured by companies
>that built CB rigs and modified their basic design in order to make the
>Radio Shack rigs.

Date: Sat, 28 Dec 2002 12:39:49 -0500
From: "Jim" <ku4qw@yahoo.com>
To: <qrp-1@Lehigh.EDU>
Subject: [143349] Re: ARRL Members Only QRP Item

Message-ID: <000301c2ae98\$1ee54880\$0100000a@jim>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice reading, but I'm not a member of the evil empire and it let me read it, so it's public, one way to tell if it's members only is somewhere in the url it will say "member" lot of stuff in that secret club I would like to read, Like the pdf on the miracal whip antenna, if some member e-mailed it to me I wouldn't tell...

72,

Jim - KU4QW

A long standing member of Ham Radio Guys Not In The ARRL...

Date: Sat, 28 Dec 2002 12:45:17 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Cc: tlogan7@cox.net
Subject: [143350] Re: Need input re OHR500; Norcal BLT etc
Message-ID: <000301c2ae98\$e2b993b0\$6401a8c0@Home>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi Tim,

I've been pondering a lot of the same mods for my OHR-100A (20m) and for the same reasons. Of all the QRP rigs and two commercial rigs here in the shack, the OHR has the quietest receiver, by far. If they made one for 80m I'd build it just to use as a receiver!

Mods I've already made include 10-turn pot (not necessary on your OHR500), FreqMite installation and internal TiCK keyer. I'm about to replace the TiCK with an Island Keyer and am also considering the BLT tuner from Norcal - I'll be interested to see what responses you get on that idea. An internal battery pack would then make the rig self-contained.

As for front panel room on your '500, don't forget about all the real estate on the top panel. The speed pot for the keyer will fit on the front panel of my '100 but the pushbuttons for the memories will be going topside.

73,

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Sat, 28 Dec 2002 09:58:06 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [143351] Re: Homebrew Ant Sw and Dummy Load
Message-ID: <MABBJOEABOILMKCJCLFCIEFFDOAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard
If this is for the home station desk top, consider using small relays inside the enclosure.
This will allow you to put the switching where it will give the shortest leads and minimize any coupling between circuits. The panel toggle or rotary switches won't be handling rf, so can be anything convenient.
I presume this will be at a low impedance point in your feedlines, probably 50 ohms. If so, any relay with contacts that will handle 1 amp should be entirely satisfactory.
Good luck and 73,
Bob N6WG

Date: Sat, 28 Dec 2002 09:59:16 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [143352] RE: FREE: YATP (Yet Another Toroid Program)
Message-ID: <MABBJOEABOILMKCJCLFCAEFGDOAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave
Thanks for posting that little formula. Hadn't seen it before.

Now I can decode the wire sizes in SPRAT, etc :-)
73, Bob N6WG

Date: Sat, 28 Dec 2002 10:14:49 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [143353] VE7BPO QRP Homebuilder site
Message-ID: <MABBJOEABOILMKCJCLFCKEFGDOAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to K6WHP, I've relocated VE7BPO's wonderful QRP Homebuilder site.
It disappeared for a while, and I was afraid all that great info he has
compiled was lost. It has resurfaced at <http://www.qrp.pops.net/> .
Hope you all enjoy it as much as I have.
73, Bob N6WG

Date: Sat, 28 Dec 2002 12:19:05 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'n4qa@hotmail.com'" <n4qa@hotmail.com>,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [143354] RE: AWG to mm wire diameter conversion...
Message-ID: <01C2AE6B.51636F80.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On Saturday, December 28, 2002 8:17 AM, Bill, N4QA [SMTP:n4qa@hotmail.com]
wrote:

>
>
> No idea how the formula is derived...how 'bout it, mathematicians?

Well, it wasn't really derived by mathematicians so much as decided by
engineers. But I was also amazed to find this mathematical relationship
between AWG and diameter when I found it. The version I use gives the
diameter in mils (thousandths of an inch) as

$$\text{dia (mils)} = 5 \cdot 92^{((36 - \text{AWG})/39)}$$

A bit more wire size trivia. The diameter gets bigger as the AWG number

gets smaller. And as size increases, after 1 is 0, then comes 00 ("double ought") and so on. The formula still works for sizes 0 and bigger, but you put in 0 for 0, -1 for 00 and so on going negative.

You do see those big sizes in the "oughts", but usually there's a transition from AWG to MCM in that range. MCM means thousand circular mills. A circular mil is a unit of area equal to that of a circle 1 mil in diameter. The interesting (and simplifying) thing about this system is that you can throw PI away. The area of a circle in CM is simply its diameter in mils, squared.

But these "big wires" are definitely not QRP.

72--Nick, WA5BDU

Date: Sat, 28 Dec 2002 10:26:26 -0800
From: David Castor <dpcastor@attbi.com>
To: <qrp-1@lehigh.edu>
Subject: [143355] Re: AWG to mm wire diameter conversion...
Message-ID: <BA332CD1.2EA%dpcastor@attbi.com>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: quoted-printable

I don't have my EE handbook here, but this look about right. The American Wire Gage is one of the few that has mathematical basis. Size 0000 is defined as 0.46 inches in diameter. Size 36 is defined as 0.0050 inches.

The ratio between any two adjacent sizes is 1.123. Everything in between can be computed, and it is exponential, as I recall. So converting to metric is straightforward.

Another good rule of thumb is that increasing by 3 sizes in AWG (decreasing gage number) is *almost* exactly doubling the cross-section.

Dave - K7EL

> From: "Bill, N4QA" <n4qa@hotmail.com>
> Reply-To: n4qa@hotmail.com

> Date: Sat, 28 Dec 2002 09:16:38 -0500
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: AWG to mm wire diameter conversion...
>=20
>=20
> Just found this on the web:
>=20
> Diameter, measured in mm = $92^{((36-AWG)/39)} \times 0.127$
>=20
> That's 92 raised to the $((36-AWG)/39)$ and then multiplied by 0.127
>=20
> For inches, divide the result by 25.4
>=20
> For example, the diameter of single-strand 18 AWG is ~1.02 mm or ~0.040 i=
n.
>=20
> No idea how the formula is derived...how 'bout it, mathematicians?
>=20
> Seems to work fine for single strand wire...I checked 18 AWG thru 6 AWG
> calculations against the table found at:
> http://www.metric.fsworld.co.uk/siwire_elect.htm
>=20
> Tables abound for such conversions but this is the first time I've found =
a
> *seemingly* workable formula.
>=20
> 73.
> Bill, N4QA
> <http://www.qsl.net/n4qa/>
>=20
>=20
>=20
>=20
> -----
> MSN 8: advanced junk mail protection and 3 months FREE*.
> [http://join.msn.com/?page=3Dfeatures/
junkmail&xAPID=3D42&PS=3D47575&PI=3D7324&DI=3D=
7474&](http://join.msn.com/?page=3Dfeatures/junkmail&xAPID=3D42&PS=3D47575&PI=3D7324&DI=3D=7474&)
> SU=3D=20
> [http://www.hotmail.msn.com/cgi-bin/getmsg&HL=3D1216hotmailtaglines_advanced=
jmf_3](http://www.hotmail.msn.com/cgi-bin/getmsg&HL=3D1216hotmailtaglines_advanced=jmf_3)
> mf
>=20

Date: Sat, 28 Dec 2002 13:37:17 -0800

From: "Nils R. Young" <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [143356] Neat stamps & WAS
Message-ID: <20021228.133734.-72275.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

A couple hundred years ago I was more active on 160m than I have been in a while. The last ARRL 160m contest, I actually made some decent DX contacts out of it. Places like NM & UT & CO, which I had always thought were beyond hope -- at least back when I was runnin' the TR7 & all that . . . So anyway, this time I got some decent Qs out of it and thought once again about the lunacy of trying to get a WAS on 160m.

Yeah, I know, a Q with KL7 or KH6 is gonna be a miracle beyond a firm date on the Second Coming, but I figure what the heck. I ain't got nothin' to lose but sleep over it.

So I went to the postoffice a while back & bought a sheet of the new state stamps. One stamp for each state, a sheet of 50 stamps. On the way back home I was thinking (a dangerous action, yeah I know) that I could use the stamps to send a card to each of the states what I've got Qs with & then I'd know which ones I didn't have 'cause I'd still have the stamps, right?

Sound rational to me!

But I better buy two more sheets, 'cause I'll want one for my much-neglected but interesting stamp collection (aheeee! more stuff collecting dust!) and another sheet for the peeps what don't sent me a card after I ask 'em nice. Or put in an SASE for 'em to respondulate me with.

73

Nils

. . . hey, I ain't killed this 290th rebuild of the computer yet . . .

Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
-- <http://w8ijn.tripod.com> --
"The island is closer than your memories are." -- Ian G. Bull Young, 15
Feb 2002

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Date: Sat, 28 Dec 2002 11:50:14 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Mark Paley <mpaley@wcnet.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [143357] Re: Buddipole portable antenna
Message-ID: <Pine.LNX.4.44.0212281146540.2312-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I built one exactly to Bud's specs and I have used it many places. On 20 meters and up it beats a ground plane for convenience since you don't need a bunch of radial wires to string out. I checked into the summer Fox Hunts 2 years ago and worked every Fox I could hear which is every Fox.

On Sat, 28 Dec 2002, Mark Paley wrote:

> I am interested in hearing any comments from fellow qrp-ers on the
> performance of this antenna. I am considering either building one or maybe
> even (gasp) buying the commercial version. What say?

>
> 73 de
> Mark Paley--KF8KL--
> K1 #117, K2 #250 QRP-L #1899
> <http://wcnet.org/~mpaley>
>
>
>
>
>
>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 28 Dec 2002 11:50:25 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>

To: qrp-1@lehigh.edu
Subject: [143358] Re: Buddipole portable antenna
Message-ID: <BA334081.2258C%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Mark - You might consider using James Bennett's Pack-12 portable antenna. Although it is a vertical, two can be used back-to-back as a dipole. This antenna did very well in the HF Pack Antenna Shoot Out at Pacificon. Details for building it are on the NJ QRP site. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sat, 28 Dec 2002 14:26:07 -0500
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [143359] Wanted: OHR 400/Classic/QRP Spirit (40M)
Message-ID: <0E32SCib5TI7Nd9NlUK0000f4b9@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wanted: OHR 400 or OHR Classic or OHR QRP Spirit (40M). Physical condition important, but non-working/problem units OK. Have some surplus QRP stuff here for possible trades, but cash purchase OK.

Please let me know if you have any that are not being used and are surplus to your needs.

Alan, N3BJ
Bent Mountain, VA

Date: Sat, 28 Dec 2002 15:08:07 -0500
From: "NZ8J" <nz8j@woh.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [143360] SOLD **** FT-817 with extras ****SOLD
Message-ID: <00bb01c2aeac\$d68f5200\$6400a8c0@NZ8J>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The FT-817 package has been sold, thanks to all who responded..

73

Tim

NZ8J

----- Original Message -----

From: "NZ8J" <nz8j@woh.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, December 28, 2002 12:01 PM

Subject: FS: FT-817 with extras

> I have a 2 week old Yaesu FT-817 that is as new with all original packing
> and paperwork. Comes with the 500hz CW filter and the CT-62 CAT interface
> cable. (works great with the Commander program). Also comes with the
> "Pack-It" reference book and a Buxcom Rascal interface with the 6 pin
> mini-din connector for the FT-817 that has not arrived yet, but will
include
> it in the sale.

>

> Reason for selling is the xyl presented me with a new Ten Tec Argonaut V
on

> Christmas morning so the FT-817 is not going to get any use.

>

> With ship and insure to your door for \$499.00 firm, not interested in
> trades...

>

> Thanks

> Tim

> NZ8J

>

>

>

Date: Sat, 28 Dec 2002 15:13:24 -0500

From: Larry - WA2DGD <wa2dgd@comcast.net>

To: ccart@phideaux.com,

Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [143361] Re: WM-2 alignment help

Message-ID: <00a601c2aead\$93bb8330\$6701a8c0@hamroom>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I believe (when I questioned OHR) it has something to do with which diodes were included in the WM-2. Mine was purchased 12/29/2000 and used values from copy A. Hope this helps. PS.. my diodes,D1,2,4 are matched 1N34A.

73

Larry

WA2DGD

K2 #1672

ARCI QRP #11215

NJ-QRP# 395

----- Original Message -----

From: "Chris Cartwright" <ccart@phideaux.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, December 28, 2002 7:36 AM

Subject: Re: WM-2 alignment help

> On Fri, 27 Dec 2002 n5ib@juno.com wrote:

>

> > I'm troubleshooting a WM-2 wattmeter for a local op. All is now working

> > copy A : 2.31 V for 10 W, 0.74 V for 1 W, 0.225 V for 100 mW

> > copy B: 2.56 V for 10 W, 0.80 V for 1 W, missing data for 100 mW

>

> Hmmm... Mine says 2.56, .8 and .251V, the schematic is Rev E and it was

> built in September of '95. I've verified it with a scope and a dummy

> load, and it seems to be right on the money. Since there are no

> precision resistors in it, I'd have to assume the mA rating of the meters

> must have changed at some point.

>

> 72

>

> -- Chris Cartwright, Unix Administrator |

ccart@phideaux.com --

> -- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363

9as --

> -- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI

#9271 --

>

>

Date: Sat, 28 Dec 2002 13:20:57 -0700

From: "James R. Duffey" <JamesDuffey@comcast.net>

To: dpcastor@attbi.com, qrp-l <qrp-l@lehigh.edu>

Subject: [143362] Re: AWG to mm wire diameter conversion...
Message-ID: <BA3355B9.2259C%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Dave - Actually wire gauge is similar to dBVolts.. A change in 6 AWG wire sizes is a doubling (going down in AWG size) or halving (going up) of the diameter. Net huh? - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sat, 28 Dec 2002 15:27:45 -0500
From: Mike Czuhajewski <wa8mcq@comcast.net>
To: qrp-1@Lehigh.EDU
Cc: qrp@qrp.pops.net, Mike Czuhajewski <wa8mcq@comcast.net>
Subject: [143363] Re: VE7BPO QRP Homebuilder site
Message-ID: <00a701c2aeaf\$94f83700\$6401a8c0@gambrl01.md.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

And for those who have never heard of this site, I would strongly recommend that you check it out; it's excellent. Todd Gale is a true disciple of Wes Hayward, W7ZOI :-)

The URL is <http://www.qrp.pops.net/>

I remember when it disappeared for a while and we all went into a panic :-)
Something like this really should be compiled and put into print to make sure it stays around. I'm sure it would be a very popular book.

With all due respect to the Internet and the stunning convenience, ease and speed of downloading a wide variety of information from around the world, it all still remains rather fragile and ephemeral; any and all of it can disappear forever at any time for a wide variety of reasons, even when the people doing the various web sites promise that it will be there forever. (Is there anyone who doesn't recognize this? "HTTP Error 404 The Web server cannot find the file or script you asked for. ")

I learned a good lesson long ago, which is to immediately download and save good info that I find on the web because it may very well not be there when I go back to find it a year or two later. (Unfortunately, I don't always follow my own advice and I pay a price for it!)

I've especially found this to be a problem with component data sheets. After something becomes obsolete, the manufacturer usually drops it from their web page, but the parts still linger for years and years on the surplus and hamfest markets. (A few years ago I foolishly tossed all my old paper data books from a variety of manufacturers. Who needs to waste the shelf space when it's all available on the web? Unfortunately, it turns out that it won't be available on the web forever, and a lot of it has disappeared already.)

Closing comment: If you enjoy homebrewing and have never checked out the VE7BPO site, do it now. I can guarantee you'll spend a lot of time digesting it all, and it's all excellent!

73 and queue our pea DE WA8MCQ

Date: Sat, 28 Dec 2002 13:04:23 -0800
From: "JAKidz" <jakidz@pullman.com>
To: <qrp-1@Lehigh.EDU>
Subject: [143364] Plastic pipe and RF?
Message-ID: <PMECLCODPFKGLKANCBLAIEAOCFAA.jakidz@pullman.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Greetings:

Any problems placing 450 ohm window line inside small diameter plastic pipe? I need to hide the line as it crosses an elevated 15 foot wooden beam across the yard, no metal in the beam except the end hangers. I'm thinking of using plastic pipe on the underside. Given the color scheme, gray plastic electrical conduit would blend well. Or I could paint white plastic water pipe gray. Advice?

Thanks.
John, K7JG.

Date: Sat, 28 Dec 2002 13:02:51 -0800
From: Mighty Mik <mightymik2@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [143365] Re: Question for 6 meter antenna/RF experts

Message-ID: <5.1.0.14.0.20021228130043.00b876d8@mail.attbi.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

This has come up on another board as well, with a similar answer. My next QRP rig will in fact be a Futaba 9C.

At 09:12 AM 12/28/2002 -0600, you wrote:

>I don't claim to be an expert but I know a couple of sailplane pilots who use
>6 Meter equipment (and are licensed Hams). They fly at events around the
>country and I have never heard them mention any interference problems. I
>think both have been using 6 Meters for a number of years now.

>

>

>Tim, N9PUZ

><http://www.qsl.net/n9puz>

Date: Sat, 28 Dec 2002 16:44:49 -0500

From: David Hinerman <WD8CIV@worldnet.att.net>

To: qrp-l@lehigh.edu

Subject: [143366] Re: VE7BP0 QRP Homebuilder site

Message-ID: <5.1.1.6.1.20021228164016.00b24dd0@postoffice.worldnet.att.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

>I learned a good lesson long ago, which is to immediately download and save
>good info that I find on the web because it may very well not be there when
>I go back to find it a year or two later. (Unfortunately, I don't always
>follow my own advice and I pay a price for it!)

Mike,

Much like shopping at a hamfest flea market - if you find a good deal, buy it now! Because if you don't, someone else will.

There was a time when I downloaded useful, or even mildly interesting, articles and programs from the Web but I was chronically short of space and usually deleted them. But now that I have a CD burner, maybe it's time to flush them to CD-R. But then I need to index them, because I'll never remember where any given article is.

Hmmm... maybe I need to look into the indexing software they use on the

QRP-L CD-ROMs.

Dave

"An optimist says the glass is half full. A pessimist says the glass is half empty. An engineer says you could have used a smaller glass."

Dave Hinerman
WD8CIV@att.net

Date: Sat, 28 Dec 2002 16:55:41 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <Mercxx@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143367] Re: Happy Dance
Message-ID: <004d01c2aebb\$e5634200\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Use the K2 as is. The firmware that's in it should be fine for the options that are installed.

While there are a few firmware upgrades that are nice to have, almost all of them are covered if you buy an 'option' that requires an upgrade.

So, before you buy it just to buy it, USE IT, then decide if some of the little tweaks are worth shelling out for the upgrade.

By the way, you don't say what options you have. I have a K2 with NB, SSB, ATU, and serial interface. I've been thinking of the internal battery...

Mike

----- Original Message -----
From: <Mercxx@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 28, 2002 10:25 AM
Subject: Happy Dance

> Good morning,
> Well I have a K2!!!!!! As I wrote earlier this month the wife decided
to
> buy me a rig. She got a K2!!! It arrived this morning already
assembled.
> She purchased it from Robin Kidd who did an excellent job she is
beautiful.
> It already has several options installed and is ready to go. It is S/N
216
> Revision A. I know that the firmware has been upgraded, so the question
is
> do I order the firmware upgrade or is it okay the way it is?
> The second surprise is that I found out she has been reading my email
and
> read that several people had recommended that I try to build it and
several
> recommended the K-1 to start with, well she told me to go ahead and
order a
> K1 and build it myself!!! What a Christmas I am truly blessed!!! I want
to
> again thank everyone who responded and for all of your encouragement and
> advice. I am going out of town tonight but hope to be on the air by
next
> weekend. Thanks again and if anyone has any tips on upgrades please
feel
> free to drop me a line. Thanks again and a Happy New Year to all!!!!!!
>
> 72
> Steve Clark
> Bartow, Florida
>

Date: Sat, 28 Dec 2002 16:20:04 -0600
From: "Michael Melland" <w9wis@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <kd1jv@moose.ncia.net>
Subject: [143368] "Table Top" Nor'easter Kit Done !!
Message-ID: <007501c2aebf\$45a011e0\$3f20be42@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well my company is gone and I finally had an opportunity to utilize some of
my remaining winter vacation for radio !

I received my "Table Top" Nor'easter kit from Steve, KD1JV earlier in the week. I spent the afternoon today building the kit. The little SWL rig went together with no adventures (I love that heat stripable magnet wire.... thanks for reminding why Steve <grin>). I'm really impressed at how well it works.... it's VERY sensitive on all bands. I'm picking up WWV, CHU and loads of other signals on a 2 ft piece of wire for an antenna. So far I can't find anything I don't like about it..... didn't someone post here after Steve announced he was kitting it that it wouldn't work ? He he he he...

My next project is to fabricate a case for it..... my weak spot in any construction project.

Thanks to Steve Weber, KD1JV for another enjoyable project !! If you are thinking of getting a very small SW rig check this little rig out !

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrparci # 9875 - iparc #252
ars #1075 - <http://webpages.charter.net/w9wis/>

Date: Sat, 28 Dec 2002 17:30:52 -0500
From: John Harper AE5X <ae5x@qs1.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [143369] Page updated
Message-ID: <000501c2aec0\$c81c7fe0\$6401a8c0@Home>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

For those that were asking, the 80m DX page has been updated.
73,

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Sat, 28 Dec 2002 18:06:59 -0500

From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-1@Lehigh.EDU>
Subject: [143370] FYBO
Message-ID: <3E0E2E93.41A25851@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is it Feb 2 or Feb 22? Web site says 22, calendar says 2.....

Fred
VE3FAL

Date: Sat, 28 Dec 2002 18:34:13 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [143371] Re: WM-2 alignment help
Message-ID: <20021228.172935.7535.3.n5ib@juno.com>

Thanks to all who replied,

It was I sort of suspected, and Marshall verified, the different alignment voltages were due to differences in the diodes used. The one I'm working on had green striped diodes, so
2.31 V for 10 W, 0.74 V for 1 W, 0.225 V for 100 mW

The WM-2 is working fine now and reasonably well calibrated. A new QRPer in town will be pleased.

72
Jim N5IB

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Date: Sat, 28 Dec 2002 17:51:09 -0600
From: Glen Reid <k5fx@arrl.net>
To: AQRPA@yahoogroups.com, hqrp@stevens.com, qrp-1@Lehigh.EDU
Subject: [143372] QST offer
Message-ID: <5.2.0.9.0.20021228172307.00a77c58@pop.flash.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Lack of storage space and CD archives have finally forced me to dispose of my almost 40 year collection of QST.

I have checked and the local library doesn't want them. I haven't found anyone who wants the whole thing. So, I have come up with a way to perhaps put them places where they will be appreciated.

While I no longer can spare the space to keep them all, some of the most treasured items in my ham radio collection are the QST's from the months I was born and first licensed.

So here is the deal, if you would like a QST for a special month or two, send me an email with your request.

I will check the shelves to see if I have it available, if so, I will ask you to send me a self addressed Priority Mail envelope with postage. I 'll send it to you.

I have some back to the early '60's and a complete collection from 1970 on.

I want to keep the last 10 years for reference so anything since 1992 I am going to hang on to. They will be available as time goes by

I also have a spotty collection of 73's over about the same time period, if those mean anything to you, but they are unorganized and will take much longer to find. Be patient if you want 73. No CQ, No HR.

The usual disclaimers first come first serve, no guarantee of availability or condition.

73

gr

End of QRP-L Digest 2783
